

Exhibit P-40, Budget Item Justification Sheet								Date: February 2004				
Appropriation / Budget Activity/Serial No: Procurement, Marine Corps (1109) / Communications and Electronics Equipment (4)						P-1 Item Nomenclature: GENERAL PURPOSE TOOLS & TEST SYSTEMS						
Program Elements: 0206313M Marine Corps Communication Equipment				Code: A	Other Related Program Elements:							
	Prior Years			FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total Prog
Proc Qty												
Gross Cost	123.0			9.6	17.4	14.5	13.1	13.2	13.6	12.8	Cont.	Cont.
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (P-1)	123.0			9.6	17.4	14.5	13.1	13.2	13.6	12.8	Cont.	Cont.
Initial Spares	2.3			0.0	0.6	0.6	0.5	0.5	0.5	0.5	Cont.	Cont.
Total Proc Cost	125.3			9.6	18.0	15.1	13.6	13.7	14.1	13.3	Cont.	Cont.
Flyaway U/C												
Wpn Sys Proc U/C												
<p>This is a roll-up line which contains the following programs and includes many different items and separate acquisitions. All of these programs are required to support other Marine Corps systems already fielded or in the acquisition pipeline.</p> <p>General Purpose Electronic Test Equipment (GPETE): Funds allocated under this line for GPETE items finances modernization and standardization efforts, in addition to meeting new requirements. These GPETE items are required to support USMC weapon systems that utilize or consist of electronic components. USMC operating forces (Division and Wing) use GPETE items to test and measure the performance of their weapon systems to ensure they are operating properly and safely. USMC supporting maintenance forces, Force Service Support Group (FSSG) use GPETE items to test, troubleshoot, repair, and align broken weapon systems due to normal operational failures or due to combat damage. This GPETE is essential to the operational readiness of the Marine Corps for the installation, operation, and maintenance (preventive and routine) of electronic weapon systems and equipment in both the USMC operating forces (Div/Wing/FSSG) as well as the supporting establishment (Schools/Bases).</p> <p>General Purpose Mechanical Test Equipment (GPMTE): This program is a combination of many types of test equipment used to diagnose Motor Transport, Ordnance, and Engineer, tracked, wheeled, and stationary equipment. The test equipment is used by mechanics at all levels of maintenance (e.g. from operator to component rebuild) to restore deadline items to operational condition. This test equipment is essential in maintaining the readiness of USMC weapon systems.</p> <p>Tools, Sets, & Kits (TS&K): This program is used to provide general purpose tool sets & kits used to support the installation, operation, and maintenance of weapon systems. Funds used to buy tools to support all types of Marine Corps ground equipment. The program includes over 40 different types of individual tool kits as well as organizational tool sets.</p>												

[illegible]

Exhibit P-5, Weapon WPN SYST Cost Analysis		Appropriation/ Budget Activity/Serial No: Procurement, Marine Corps (1109) / Communications and Electronics Equipment (4)						P-1 Line Item Nomenclature: Procurement, Marine Corps (1109) / Communications and Electronics Equipment (4)			Weapon System Type:		Date: February 2004	
Weapon Svstem Cost Elements	ID CD				FY03			FY 04			FY 05			
		TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	
		\$000	Each	\$	\$000	Each	\$	\$000	Each	\$	\$000	Each	\$	
GPETE														
TEST SET; LOCAL AREA NETWORK (LAN)					305	50	6100	612	100	6120	614	100	6140	
GROUND TESTER (4-POINT)					73	20	3650	73	20	3650	73	20	3650	
GROUND TESTER (CLAMP-ON)					72	30	2400	73	30	2433	73	30	2433	
OSCILLOSCOPE (500 MHZ)					875	100	8750							
ANALYZER; LOGIC														
OSCILLOSCOPE (HANDHELD)					1630	700	2329	942	400	2355	475	200	2375	
ANALYZER POWER (HANDHELD)					122	50	2443							
TEST SET, TELECOMMUNICATIONS					1146	46	24913	626	25	25040				
ANALYZER, SPECTRUM (MICROWAVE)					1328	91	14593	1154	79	14608				
OPTICAL LEAK DETECTOR														
OPTICAL TIME DOMAIN REFLECTOMETER (TDR)					513	32	16031	514	32	16063	644	40	16100	
MULTIMETER (BENCHTOP)					195	100	1949							
POWER SUPPLY TESTER														
TEST ADAPTER;TRSS					750	40	18750							
TACTICAL REMOTE SENSOR SYSTEM														
OPTICAL LOSS TEST SET					229	38	6026	230	38	6053	127	21	6048	
PROTOCOL ANALYZER (LINK-16)					665	1	665000	667	1	667000	669	1	669000	
RADIO TEST SET (HANDHELD)								782	75	10427	1564	150	10427	
WATT METER (RF)											110	50	2200	

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Weanon Svstem Cost Elements	ID CD				FY03			FY 04			FY 05			
		TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	TotalCost	Qty	UnitCost	
		\$000	Each	\$	\$000	Each	\$	\$000	Each	\$	\$000	Each	\$	
AN/USM-674 (PROTRAK)					583	30	19433	1167	60	19450	1168	60	19467	
PINPOINT TESTER								320	4	80000				
SIGNAL GENERATOR (MW)											1273	60	21217	
ELECTRONIC SOLDER KIT (PORTABLE)											890	100	8900	
ENGINEERING SUPPORT Navy Activities (NSWC & NRL)					241			216			228			
SOFTWARE SUPPORT Operating Software Test Program Set (TPS) / Gold Disks Gold Disk Program Support Weapon System - TMDE Database					457			434			475			
LOGISTICS SUPPORT Training Material Factory Training Tech Manuals Provisioning Data Quality Assurance Testing					453			490			524			
New Equipment Training (CBT)														
SUBTOTAL GPETE					9637			8300			8907			
Active					8579			7199			7746			
Reserve					1058			1101			1161			
SUBTOTAL GPMIE								4401			4503			
Active								3631			3815			
Reserve								770			688			
SUBTOTAL TS&K								4698			1085			
TOTAL					9637			17399			14495			

Exhibit P-5a, Budget Procurement History and Planning									Date:		
									February 2004		
Appropriation / Budget Activity/Serial No: Procurement, Marine Corps (1109) / Communications and Electronics Equipment (4)				Weapon System Type:		P-1 Line Item Nomenclature:					
				GENERAL PURPOSE TOOLS & TEST SYSTEMS							
WBS Cost Elements: Fiscal Years	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$	Specs Avail?	Date Revsn Avail	RFP Issue Date	
TEST SET; LOCAL AREA NETWORK (LAN)											
FY03	Fluke, Everett, WA	MILSTRIP	Navy (NAVICP)	Jan-03	May-03	50	6100	Yes	N/A	N/A	
FY04	Fluke, Everett, WA	MILSTRIP	Navy (NAVICP)	Jan-04	May-04	100	6120	Yes	N/A	N/A	
FY05	Fluke, Everett, WA	MILSTRIP	Navy (NAVICP)	Jan-05	May-05	100	6140	Yes	N/A	N/A	
GROUND TESTER (4-POINT)											
FY03	PPM, Cleveland, OH	MILSTRIP	Navy (NAVICP)	Jan-03	Jun-03	20	3650	Yes	N/A	N/A	
FY04	PPM, Cleveland, OH	MILSTRIP	Navy (NAVICP)	Jan-04	Jun-04	20	3650	Yes	N/A	N/A	
FY05	PPM, Cleveland, OH	MILSTRIP	Navy (NAVICP)	Jan-05	Jun-05	20	3650	Yes	N/A	N/A	
GROUND TESTER (CLAMP-ON)											
FY03	AEMC, Boston, MA	MILSTRIP	Navy (NAVICP)	Jan-03	May-03	30	2400	Yes	N/A	N/A	
FY04	AEMC, Boston, MA	MILSTRIP	Navy (NAVICP)	Jan-04	May-04	30	2433	Yes	N/A	N/A	
FY05	AEMC, Boston, MA	MILSTRIP	Navy (NAVICP)	Jan-05	May-05	30	2433	Yes	N/A	N/A	
OSCILLOSCOPE (500 MHZ)											
FY03	Agilent, Englewood, CO	MILSTRIP	Navy (NAVICP)	Jan-03	Jul-03	100	8750	Yes	N/A	N/A	
OSCILLOSCOPE (HANDHELD)											
FY03	Fluke, Everett, WA	MILSTRIP	Navy (NAVICP)	Jan-03	May-03	700	2329	Yes	N/A	N/A	
FY04	Fluke, Everett, WA	MILSTRIP	Navy (NAVICP)	Jan-04	May-04	400	2355	Yes	N/A	N/A	
FY05	Fluke, Everett, WA	MILSTRIP	Navy (NAVICP)	Jan-05	May-05	200	2375	Yes	N/A	N/A	
REMARKS: All of these items are commercial off the shelf items. Production lines remain active with flexible delivery schedules.											

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					GENERAL PURPOSE TOOLS & TEST SYSTEMS					
WBS Cost Elements: Fiscal Years	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$	Specs Avail?	Date Revsn Avail	RFP Issue Date
ANALYZER POWER (HANDHELD) FY03	Fluke, Everett, WA	MILSTRIP	Navy (NAVICP)	Jan-03	Jun-03	50	2443	Yes	N/A	N/A
TEST SET, TELECOMMUNICATIONS FY03	Acterna, Rockville, MD	MILSTRIP	Navy (NAVICP)	Jan-03	Jun-03	46	24913	Yes	N/A	N/A
FY04	Acterna, Rockville, MD	MILSTRIP	Navy (NAVICP)	Jan-04	Jun-04	25	25040	Yes	N/A	N/A
ANALYZER; SPECTRUM (MICROWAVE) FY03	Agilent, Santa Clara, CA	MILSTRIP	Navy (NAVICP)	Jan-03	Jun-03	91	14593	Yes	N/A	N/A
FY04	Agilent, Santa Clara, CA	MILSTRIP	Navy (NAVICP)	Jan-04	Jun-04	79	14608	Yes	N/A	N/A
OPTICAL Time Doninion Reflectectometer (TDR) FY03	TBD	MILSTRIP	Navy (NAVICP)	Jul-03	Dec-03	32	16031	No	Jun02	Aug-02
FY04	TBD	MILSTRIP	Navy (NAVICP)	Jan-04	May-04	32	16063	No	Jun02	Aug-02
FY05	TBD	MILSTRIP	Navy (NAVICP)	Jan-05	May-05	40	16100	No	Jun02	Aug-02
MULTIMETER FY03	Agilent, Santa Clara, CA	MILSTRIP	Navy (NAVICP)	Jan-03	Apr-03	100	1949	Yes	N/A	N/A
TEST ADAPTER; Tactical Remote Sensor Sys (TRSS) FY03	IFR Systems, Wichita, KS	CFP	USMC	Nov-03	Jul-03	40	18750	No	Jun02	Aug-02
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WBS Cost Elements: Fiscal Years	Contractor and Location	Contract Method and Type	Location of PCO	Award Date	Date of First Delivery	QTY Each	Unit Cost \$	Specs Avail?	Date Revsn Avail	RFP Issue Date
OPTICAL LOSS TEST SET										
FY03	Photonix, Johnson City, NY	MILSTRIP	Navy (NAVICP)	Jun-03	Sep-03	38	6026	Yes	N/A	N/A
FY04	Photonix, Johnson City, NY	MILSTRIP	Navy (NAVICP)	Jan-04	Apr-04	38	6053	Yes	N/A	N/A
FY05	Photonix, Johnson City, NY	MILSTRIP	Navy (NAVICP)	Jan-05	Apr-05	21	6048	Yes	N/A	N/A
PROTOCOL ANALYZER (LINK-16)										
FY03	Northrup Grumman, San Diego, CA	C/FPO	Navy (NAVSEA)	Feb-03	Sep-03	1	665000	Yes	N/A	N/A
FY04	Northrup Grumman, San Diego, CA	C/FPO	Navy (NAVSEA)	Feb-04	Sep-04	1	667000	Yes	N/A	N/A
FY05	Northrup Grumman, San Diego, CA	C/FPO	Navy (NAVSEA)	Feb-05	Sep-05	1	669000	Yes	N/A	N/A
RADIO TEST SET (HANDHELD)										
FY04	TBD	C/FP	USMC	Jan-04	Jul-04	75	10427	No	Jun03	Sep-03
FY05	TBD	C/FPO	USMC	Jan-05	Jul-05	150	10427	No	Jun03	Sep-03
WATTMETER										
FY05	Bird Electronics, Cleveland, OH	MILSTRIP	Navy (NAVICP)	Jan-05	Jul-05	50	2200	Yes	N/A	N/A
AN/USM-674 (PROTRAK)										
FY03	Huntron, Seattle, WA	C/FPO	Navy (NUWC)	Feb-03	Jul-03	30	19433	Yes	N/A	N/A
FY04	Huntron, Seattle, WA	C/FPO	Navy (NUWC)	Feb-04	Jul-04	60	19450	Yes	N/A	N/A
FY05	Huntron, Seattle, WA	C/FPO	Navy (NUWC)	Feb-05	Jul-05	60	19467	Yes	N/A	N/A
PINPOINT TESTER										
FY04	Diagnosys Sys, Kissimmee, FL	C/FPO	Navy (NUWC)	Feb-04	Sep-04	4	80000	No	Sep-02	Sep-02
SIGNAL GENERATOR (MW)										
FY05	Anritsu, Morgan Hill, CA	MILSTRIP	Navy (NAVICP)	Jan-05	Jul-05	60	21217	Yes	N/A	N/A
ELECTRONIC SOLDER KIT (PORTABLE)										
FY05	TBD	C/FP	Navy (NSWC Crane)	Dec-04	Jul-05	100	8900	No	Jun04	Aug-04
REMARKS: All of these items are commercial off the shelf items. Production lines remain active with flexible delivery schedules.										